Applicant has amended claim 1, cancelled claims 6-8 without prejudice, and added new claims 9-18. Applicant sets forth a complete listing of the claims with the corresponding status indicated for each claim.

1.      (Currently Amended)  A method for converting binary image data at a first resolution to binary image data at a second resolution, the method comprising:

detecting a plurality of edges of the binary image data;

sampling a corresponding point <u>at</u> substantially ~~near~~ <u>the midpoint of</u> each of the edges;

fitting a curve between the sampled points; and

re-sampling the curve at the second resolution.

2.      (Original)  The method of claim 1, wherein the first resolution is less than the second resolution.

3.      (Original)  The method of claim 1, wherein the first resolution is greater than the second resolution.

4.      (Original)  The method of claim 1, wherein the first resolution is an integer multiple of the second resolution.

5.      (Original)  The method of claim 1, wherein the first resolution is a non-integer multiple of the second resolution.

6-8.    (Cancelled).

9.      (New)  A method for converting binary image data at a first resolution to binary image data at a second resolution, the method comprising:

detecting a plurality of edges of the binary image data;

sampling a corresponding point substantially near each of the edges;

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fitting a curve by consecutively connecting a plurality of straight line segments between the sampled points; and

re-sampling the curve at the second resolution.

10. (New) The method of claim 9, wherein the first resolution is less than the second resolution.

11. (New) The method of claim 9, wherein the first resolution is greater than the second resolution.

12. (New) The method of claim 9, wherein the first resolution is an integer multiple of the second resolution.

13. (New) The method of claim 9, wherein the first resolution is a non-integer multiple of the second resolution.

14. (New) A method for converting binary image data at a first resolution to binary image data at a second resolution, the method comprising:

detecting a plurality of edges of the binary image data;

sampling a corresponding point substantially near each of the edges;

fitting a curve between the sampled points; and

re-sampling the curve at the second resolution by comparing a value of the curve with a midpoint of a square at the second resolution.

15. (New) The method of claim 14, wherein the first resolution is less than the second resolution.

16. (New) The method of claim 14, wherein the first resolution is greater than the second resolution.

17. (New) The method of claim 14, wherein the first resolution is an integer multiple of the second resolution.

18.    (New)  The method of claim 14, wherein the first resolution is a non-integer multiple of the second resolution.